



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

application of

Sewing, Andreas : Group Art Unit: 1616

Serial No.: 09/885,287 : Examiner: Gollamudi S

Filed: June 21, 2006 :

For: A PROCESS FOR THE COATING FOR METALLIC IMPLANT MATERIALS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

Timing and Fees

- Under 37 C.F.R. § 1.97(b), no fee or statement is required for filing this information disclosure statement is filed:
 - within three months of the filing date of a national application other than a CPA under § 1.53(d);
 - within three months of the actual filing date of the national phase of a PCT application; OR
 - before the mailing of a first substantive office action (including after filing of an RCE).
- Under 37 C.F.R. § 1.97(c), this information disclosure statement is filed after the periods specified in 37 C.F.R. § 1.97(b), but before the mailing date of:

08/31/2006 MAHMED1 00000086 09885287

 - a final rejection under 37 C.F.R. 1.11~~b2~~ FC:1806 180.00 OP
 - termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P. § 609(B)(2); OR

- a notice of allowance under 37 C.F.R. § 1.311; and
is accompanied by:
 the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
 a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).

- Under 37 C.F.R. § 1.97(d), this information disclosure statement is filed after the mailing date of the following actions which have not been withdrawn:
 a final action under 37 C.F.R. § 1.113;
 termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P. § 609(B)(2); OR
 a notice of allowance under 37 C.F.R. § 1.311;

AND is filed on or before payment of the issue fee; AND is accompanied by:

- the statement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of \$180.00 under 37 C.F.R. § 1.17(p).

Statements Under 37 C.F.R. 1.97(e)

- Each item of information contained in this information disclosure statement was a first cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.

Cited Materials

- Copies of materials listed but not attached were cited in benefit (35 U.S.C. § 120) ancestor application Serial No. _____, on Form 892 by the Examiner and/or Form 1449 by the applicant; see 37 C.F.R. § 1.98(d).

- Copies of materials listed were cited in an international search report dated _____.
- Not required by 37 CFR § 1.98 (US patent references).
- Copies of the materials listed are attached.

Non-English Language References

- An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).
- A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:

X = document of particular relevance when it is taken alone
Y = document of particular relevance when it is combined with another such document
A = document defining the general state of the art
O = non-written disclosure
P = intercalated document
T = document cited to understand the theory or principle underlying the invention
E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date
D = cited in the application
L = cited for another reason
& = publication of member of same patent family

- Translation of other relevant information on foreign search report

Other Information

Payment of Fees Due (If Any):

- A check for \$180.00 covering the fee identified above is attached.
- Please charge to Deposit Account No. 13-3402 \$_____ for the fee identified above.

The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

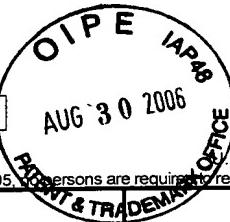


Jennifer J. Branigan, Reg. No. 40,921
Attorney/Agent for Applicants

MILLEN, WHITE, ZELANO
& BRANIGAN, P.C.
Arlington Courthouse Plaza 1
2200 Clarendon Blvd. Suite 1400
Arlington, Virginia 22201
Telephone: (703) 243-6333
Facsimile: (703) 243-6410

Attorney Docket No. MAIKO-0033

Date: August 30, 2006



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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2 Attorney Docket Number MAIKO 33

Complete if Known

Application Number	09/885287
Filing Date	06/21/2001
First Named Inventor	Andreas SEWING et al.
Group Art Unit	1616
Examiner Name	Gollamudi
Attorney Docket Number	MAIKO 33

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	0 389 713			10/3/1990		1
		DE	3414924			10/31/1985		2
		DE	198 12 714			9/30/1999		3
		DE	198 12 713			9/30/1999		4
		DE	198 11 900			9/23/1999	Abstract	
		DE	34 09 372			9/19/1985	Abstract	
		DE	196 43 5555			4/30/1998		5
		WO	9213984			8/30/1992		6

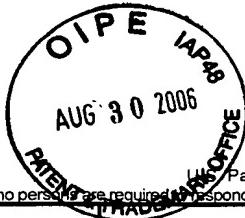
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

Complete if Known

Application Number	09/885,287
Filing Date	06/21/01
First Named Inventor	Andreas SEWING
Group Art Unit	1616
Examiner Name	Gollamudi
Attorney Docket Number	MAIKO 33

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		European International Search Report issued 12-5-01 in EP 01 11 2667.	
		Office Communication dated 3-14-01	
		L. Floquet et al., "Le comportement biologique in vitro d'un alliage TiNb30 traité avec hydroxyapatite..." Rev. Stomatol. Chir. Maxillofac., (1997), 98, Sup. 1, pgs. 47-49.	
		M.J. Filiaggi, et al., "Post-plasma-spraying heat treatment of the HA coating/Ti-6Al-4V implant system", Journal of Biomedical Materials Res., (1993), Vol. 27, pgs. 191-198.	
		K.A. Gross, "In Vitro Changes of Hydroxyapatite Coatings", The International Journal of Oral & Maxillofacial Implants, pgs. 589-597	
		M. Shirkhanzadeh, "Direct formation of nanophase hydroxyapatite on cathodically polarized electrodes", Journal of Materials Science: Materials in Medicine 9, (1998), pgs. 67-72.	
		C.Y. Yang, "Bond degradation at the plasma-sprayed HA coating/Ti-6Al-4V alloy interface: an in vitro study", Journal of Materials Science: Materials in Medicine 6, (1995), pgs. 258-265.	
		P. Schaffner, et al., "Induced tissue integration of bone implants by coating with bone selective RGD-peptides", Journal of Materials Science: Materials in Medicine, 10, (1999), pgs. 837-839	

Examiner Signature		Date Considered
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